

## OPINION 1894

*Regnum Animale ...*, Ed. 2 (M.J. Brisson, 1762): rejected for nomenclatural purposes, with the conservation of the mammalian generic names *Philander* (Marsupialia), *Pteropus* (Chiroptera), *Glis*, *Cuniculus* and *Hydrochoerus* (Rodentia), *Meles*, *Lutra* and *Hyaena* (Carnivora), *Tapirus* (Perissodactyla), *Tragulus* and *Giraffa* (Artiodactyla)

**Keywords.** Nomenclature; taxonomy; Mammalia; Marsupialia; Chiroptera; Rodentia; Carnivora; Perissodactyla; Artiodactyla; *Philander*; *Pteropus*; *Glis*; *Cuniculus*; *Hydrochoerus*; *Meles*; *Lutra*; *Hyaena*; *Tapirus*; *Tragulus*; *Giraffa*; opossums; fruit bats; dormice; pacas; capybaras; badgers; otters; hyaenas; tapirs; chevrotains; giraffes.

### Ruling

- (1) It is hereby ruled that the work by M.J. Brisson (1762) entitled *Regnum Animale in classes IX distributum, sive synopsis methodica*, Ed. 2, is rejected for nomenclatural purposes, i.e. for nomenclatural acts and for names other than *Odobenus* (previously conserved in Opinion 467, May 1957) and those conserved in (2)(a) below.
- (2) Under the plenary powers:
  - (a) it is hereby ruled that the following generic names are to be taken as first available from Brisson (1762) despite that being a rejected work, and not from any other work previously published:
    - (i) *Philander*;
    - (ii) *Pteropus*;
    - (iii) *Glis*;
    - (iv) *Cuniculus*;
    - (v) *Hydrochoerus*;
    - (vi) *Meles*;
    - (vii) *Lutra*;
    - (viii) *Hyaena*;
    - (ix) *Tapirus*;
    - (x) *Tragulus*;
    - (xi) *Giraffa*;
  - (b) all previous fixations of type species are hereby set aside for the following nominal genera and the nominal species listed are designated as the respective type species:
    - (i) *Philander* Brisson, 1762: type species *Didelphis opossum* Linnaeus, 1758;
    - (ii) *Pteropus* Brisson, 1762: type species *Vespertilio niger* Kerr, 1792;
    - (iii) *Glis* Brisson, 1762: type species *Sciurus glis* Linnaeus, 1766;
    - (iv) *Cuniculus* Brisson, 1762: type species *Mus paca* Linnaeus, 1766;
    - (v) *Hydrochoerus* Brisson, 1762: type species *Sus hydrochaeris* Linnaeus, 1766;

- (vi) *Meles* Brisson, 1762: type species *Ursus meles* Linnaeus, 1758;
- (vii) *Lutra* Brisson, 1762: type species *Mustela lutra* Linnaeus, 1758;
- (viii) *Hyaena* Brisson, 1762: type species *Canis hyaena* Linnaeus, 1758;
- (ix) *Tapirus* Brisson, 1762: type species *Hippopotamus terrestris* Linnaeus, 1758;
- (x) *Tragulus* Brisson, 1762: type species *Cervus javanicus* Osbeck, 1765;
- (xi) *Giraffa* Brisson, 1762: type species *Cervus camelopardalis* Linnaeus, 1758.

(3) The following names are hereby placed on the Official List of Generic Names in Zoology:

- (a) *Philander* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(i) above *Didelphis opossum* Linnaeus, 1758;
- (b) *Pteropus* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(ii) above *Vespertilio niger* Kerr, 1792;
- (c) *Glis* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(iii) above *Sciurus glis* Linnaeus, 1766;
- (d) *Cuniculus* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(iv) above *Mus paca* Linnaeus, 1766;
- (e) *Hydrochoerus* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(v) above *Sus hydrochaeris* Linnaeus, 1766;
- (f) *Meles* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(vi) above *Ursus meles* Linnaeus, 1758;
- (g) *Lutra* Brisson, 1762 (gender: feminine), type species by designation under the plenary powers in (2)(b)(vii) above *Mustela lutra* Linnaeus, 1758;
- (h) *Hyaena* Brisson, 1762 (gender: feminine), type species by designation under the plenary powers in (2)(b)(viii) above *Canis hyaena* Linnaeus, 1758;
- (i) *Tapirus* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(ix) above *Hippopotamus terrestris* Linnaeus, 1758;
- (j) *Tragulus* Brisson, 1762 (gender: masculine), type species by designation under the plenary powers in (2)(b)(x) above *Cervus javanicus* Osbeck, 1765;
- (k) *Giraffa* Brisson, 1762 (gender: feminine), type species by designation under the plenary powers in (2)(b)(xi) above *Cervus camelopardalis* Linnaeus, 1758.

(4) The following names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *opossum* Linnaeus, 1758, as published in the binomen *Didelphis opossum* (specific name of the type species of *Philander* Brisson, 1762);
- (b) *niger* Kerr, 1792, as published in the trinomen *Vespertilio vampirus niger* (specific name of the type species of *Pteropus* Brisson, 1762);
- (c) *glis* Linnaeus, 1766, as published in the binomen *Sciurus glis* (specific name of the type species of *Glis* Brisson, 1762);
- (d) *paca* Linnaeus, 1766, as published in the binomen *Mus paca* (specific name of the type species of *Cuniculus* Brisson, 1762);

- (e) *hydrochaeris* Linnaeus, 1766, as published in the binomen *Sus hydrochaeris* (specific name of the type species of *Hydrochoerus* Brisson, 1762);
  - (f) *meles* Linnaeus, 1758, as published in the binomen *Ursus meles* (specific name of the type species of *Meles* Brisson, 1762);
  - (g) *lutra* Linnaeus, 1758, as published in the binomen *Mustela lutra* (specific name of the type species of *Lutra* Brisson, 1762);
  - (h) *hyaena* Linnaeus, 1758, as published in the binomen *Canis hyaena* (specific name of the type species of *Hyaena* Brisson, 1762);
  - (i) *terrestris* Linnaeus, 1758, as published in the binomen *Hippopotamus terrestris* (specific name of the type species of *Tapirus* Brisson, 1762);
  - (j) *javanicus* Osbeck, 1765, as published in the binomen *Cervus javanicus* (specific name of the type species of *Tragulus* Brisson, 1762);
  - (k) *camelopardalis* Linnaeus, 1758, as published in the binomen *Cervus camelopardalis* (specific name of the type species of *Giraffa* Brisson, 1762);
- (5) The work entitled *Regnum Animale in classes IX distributum, sive synopsis methodica*, Ed. 2 by M.J. Brisson (1762) is hereby placed on the Official Index of Rejected and Invalid Works in Zoological Nomenclature, as rejected for nomenclatural purposes in (1) above.
- (6) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
- (a) *Agouti* Lacepède, 1799 (a junior objective synonym of *Cuniculus* Brisson, 1762);
  - (b) *Myoxus* Zimmermann, 1780 (a junior objective synonym of *Glis* Brisson, 1762);
  - (c) *Glis* Erxleben, 1777 (a junior homonym of *Glis* Brisson, 1762);
  - (d) *Cuniculus* Meyer, 1790 (a junior homonym of *Cuniculus* Brisson, 1762);
  - (e) *Cuniculus* Wagler, 1830 (a junior homonym of *Cuniculus* Brisson, 1762);
  - (f) *Euhyaena* Falconer, 1868 (a junior objective synonym of *Hyaena* Brisson, 1762);
  - (g) *Tragulus* Pallas, 1767 (a junior homonym of *Tragulus* Brisson, 1762);
  - (h) *Tragulus* Boddaert, 1785 (a junior homonym of *Tragulus* Brisson, 1762);
  - (i) *Taxus* Cuvier & Geoffroy Saint-Hilaire, 1795 (a junior objective synonym of *Meles* Brisson, 1762);
  - (j) *Melesium* Rafinesque, 1815 (a junior objective synonym of *Meles* Brisson, 1762).

### History of Case 2928

An application for the conservation of 11 mammal generic names first published by Brisson (1762), together with placement of the *Regnum Animale* (Ed. 2) on the Official Index as a non-binominal work, was received from Mrs Anthea Gentry (*clo The Secretariat, ICZN, The Natural History Museum, London, U.K.*) on 14 February 1994. The case was published in BZN 51: 135-146 (June 1994). Notice of the case was sent to appropriate journals.

Comments in support of the application were received from the late Mr J.E. Hill, Dr D.W. Yalden (*University of Manchester, Manchester, U.K.*) and the late Mr W.F.H. Ansell, published in BZN 51: 266-267 (September 1994); Dr Colin P. Groves (*Australian National University, Canberra, A.C.T., Australia*), Dr Robert S. Voss

(*American Museum of Natural History, New York, N.Y., U.S.A.*), Dr P.A. Morris (*Royal Holloway College, University of London, Egham, Surrey, U.K.*), Dr Peter Grubb (*London, U.K.*), Drs David L. Harrison & Paul J.J. Bates (*Harrison Zoological Museum (Foundation for Systematic Research), Sevenoaks, Kent, U.K.*) and Prof Zdzislaw Pucek (*Polish Academy of Sciences, Mammal Research Institute, Bialowieza, Poland*), published in BZN 51: 342–348 (December 1994); Prof Alvaro Mones (*Museo Nacional de Historia Natural, Montevideo, Uruguay*), Dr Francis Petter ('*Mammalia*' (*Morphologie, Biologie, Systématiques des Mammifères*), *Paris, France*; *Muséum National d'Histoire Naturelle, Paris, France*), Dr Alan Turner (*University of Liverpool, Liverpool, U.K.*), Mr N. Sivasothi (*National University of Singapore, Kent Ridge, Republic of Singapore*), Dr Bernard Sigé (*Institut des Sciences de l'Évolution, Université des Sciences et Techniques du Languedoc, Montpellier, France*), Dr Stéphane Aulagnier (*Institut National de la Recherche Agronomique, Toulouse, France*), Dr G.B. Corbet (*The Natural History Museum, London, U.K.; Upper Largo, Fife, U.K.*), Dr Jean-Louis Hartenberger (*Institut des Sciences de l'Évolution, Université des Sciences et Techniques du Languedoc, Montpellier, France*), Dr Hans de Bruijn (*Institut voor Aardwetenschappen, Universiteit Utrecht, Utrecht, The Netherlands*), Dr Monique Vianey-Liaud (*Institut des Sciences de l'Évolution, Université de Montpellier, Montpellier, France*) and Dr J.J. Hooker (*The Natural History Museum, London, U.K.*), published in BZN 52: 78–89 (March 1995); Dr Mary R. Dawson (*The Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, U.S.A.*), Mr Keith Seaman (*Hertfordshire and Middlesex Wildlife Trust, St Alban's, Hertfordshire, U.K.*), Dr José Roberto Moreira (*Wildlife Conservation Research Unit, University of Oxford, Oxford, U.K.*), Dr Alan W. Gentry (*The Natural History Museum, London, U.K.*), Dr Enrique Roberto Justo (*Santa Rosa - La Pampa, Argentina*), Drs Volker Fahlbusch, Kurt Heissig, Helmut Mayr & Gertrud Rössner (*Bayerische Staatssammlung für Paläontologie und historische Geologie, Munich, Germany*), Prof Patrick J. Boylan (*City University, London, U.K.*), Dr D. Kock (*Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt am Main, Germany*) and Drs Pierre Mein, M. Hugueney, C. Guérin & R. Ballesio (*Centre des Sciences de la Terre, Université Claude Bernard, Lyon, France*), published in BZN 52: 187–192 (June 1995); Mr Andrew Carrant (*The Natural History Museum, London, U.K.*), Dr M. Freudenthal (*Nationaal Natuurhistorisch Museum, Leiden, The Netherlands*) and Dr Mieczyslaw Wolsan (*Instytut Paleobiologii, Polska Akademia Nauk, Warsaw, Poland*), published in BZN 52: 271–273 (September 1995); Dr Hugh H. Kolb (*Torphichen, West Lothian, Scotland, U.K.*; formerly of the *Scottish Agricultural Science Agency, Edinburgh, Scotland*) and Dr Peter Lüps (*Naturhistorisches Museum, Bern, Switzerland*), published in BZN 53: 191–192 (September 1996); Prof Vladimir E. Sokolov (*Russian Academy of Sciences, Moscow, Russia*), published in BZN 53: 286 (December 1996); Dr Jorge J. Cherem (*Universidade Federal de Santa Catarina, Florianópolis, Santa Catarina, Brazil*), published in BZN 54: 52 (March 1997).

Comments supporting the rejection of Brisson's (1762) work as non-binominal but not the conservation of 11 mammal generic names in use were received from Dr Don E. Wilson (*National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A.*), Prof John H. Wahlert (*American Museum of Natural History, New York, N.Y., U.S.A.*) and Dr Sydney Anderson (*American Museum of Natural History, New York, N.Y., U.S.A.*), published in BZN 51: 343–346 (December

1994); Dr Alfred L. Gardner (*National Museum of Natural History, Washington, D.C., U.S.A.*), Prof Clyde Jones (*Texas Tech University, Lubbock, Texas, U.S.A.*), Dr Judith L. Eger (*Royal Ontario Museum, Toronto, Ontario, Canada*) and Dr Mary Ellen Holden (*American Museum of Natural History, New York, N.Y., U.S.A.*), published in BZN 52: 79–86 (March 1995). A reply to these comments by the author of the application was published in BZN 52: 90–93 (March 1995).

Comments from Drs F. de Beaufort, L. Granjon, J.M. Pons & M. Tranier (*Muséum National d'Histoire Naturelle, Paris, France*), published in BZN 52: 82–83 (March 1995), and from Prof Claude Dupuis (*Muséum National d'Histoire Naturelle, Paris, France*), published in BZN 52: 273–275 (September 1995), supported the conservation of the 11 Brisson mammal generic names mentioned in the application but not the proposed rejection for nomenclatural purposes of Brisson's (1762) work. A reply by the author of the application was published in BZN 52: 347–350 (December 1995). A further comment from Prof Dupuis, and a reply by the author of the application, were published in BZN 53: 278–285 (December 1996).

It was noted on the voting paper that the application sought to resolve long-term uncertainty in the usage of 11 new generic names established by Brisson (1762) in his *Regnum Animale* (one such name, *Odobenus* for the walrus, had already been conserved in Opinion 467, May 1957). A majority of authors, both past and present, accepted the names with Brisson's (1762) authorship and date and, despite some authors noting that the *Regnum Animale* was not completely binominal, the names had been in continual use for well over 200 years. A few authors had taken the names from various later citations, where these existed, or had substituted other names (for example, *Myoxus* Zimmermann, 1780 for *Glis* Brisson, 1762 and *Agouti* Lacepède, 1799 for *Cuniculus* Brisson, 1762) and a different spelling (*Hydrochaeris* Brünnich, 1771 for *Hydrochoerus* Brisson, 1762). These name changes resulted in problems with family-group names and the names for other taxa (for example, failure to accept *Cuniculus* Brisson, 1762 as available for the paca would result in *Cuniculus* Meyer, 1790 becoming the valid name for the European rabbit, for which *Oryctolagus* Lilljeborg, 1874 is universally in use). There was a particular problem with *Tragulus* Brisson, 1762 (family TRAGULIDAE) since the next two uses of the generic name '*Tragulus*' relate taxonomically to *Neotragus* H. Smith, 1827 (family BOVIDAE). Rejection of the 11 generic names for which conservation was proposed would result in the need for at least five further applications for action by the Commission to maintain other names currently in use (BZN 52: 92).

In two comments (BZN 52: 273–273 and 53: 278–283) Prof Dupuis supported the conservation of Brisson's generic names but not the rejection of the (1762) *Regnum Animale* for nomenclatural purposes; he suggested that the names could be taken from Brisson's *Tabula Synoptica Quadrupedum* (pp. 12–13 of the *Regnum Animale*). This could be done under Articles 11c(iii) and 12b(2) of the Code, but a further ruling would be required to deal with the nine generic names therein which, since Merriam (1895), have been treated as junior synonyms of Linnaeus's (1758) names (BZN 52: 348–349). Without rejection of the work or explicit suppression of the names they could be reintroduced for taxa which have been generically differentiated since Brisson's time, displacing later names in use (BZN 53: 284–285). Rejection of Brisson's (1762) work as non-binominal and its placement on the Official Index, at the same time as conserving the 11 generic names (and *Odobenus*) in current use (i.e.

the course proposed in the application), would not entail the individual suppression of the nine names not in use.

Prof Dupuis also proposed that Brisson's names might be taken from the *Dictionnaire raisonné et universel des animaux* by F.A.A. de la Chesnaye des Bois (1759). However, names are not unambiguously available from this work in the absence of a Commission ruling. None of the names has ever been cited from this work and date. Acceptance of the additional 11 generic names from Brisson (1762) would be consistent with the ruling on *Odobenus* (Opinion 467) published in 1957. Procedurally it would be a precedent to place both Brisson's *Tabula Synoptica* (1762) and the 1759 *Dictionnaire raisonné* on the Official List.

The name *Glis* Erxleben, 1777 was rendered a junior subjective synonym of the mole rat name *Spalax* Gldenstaedt, 1770 by Ellerman's (1949) type species designation (para. 5 on p. 138 of the application and BZN 52: 90–91). It was proposed on the voting paper that the name *Glis* Erxleben, a junior homonym of *Glis* Brisson, 1762, be added to those for placement on the Official Index (para. 9(6) on BZN 51: 144).

The case was offered for voting in two parts. Vote (1) was the proposal to place the *Regnum Animale* on the Official Index as a non-binominal work (proposal (5) on BZN 51: 143); vote (2) was the conservation under the plenary powers of 11 of Brisson's (1762) generic names in use, and placement of some junior names on the Official Index (proposals (2)(a), (2)(b), (3), (4) and (6) on BZN 51: 142–144, with the addition of *Glis* Erxleben, 1777 to (6)).

### Decision of the Commission

On 10 September 1997 the members of the Commission were invited to vote on the proposals published in BZN 51: 142–144. At the close of the voting period on 10 December 1997 the votes were as follows:

Vote 1. Affirmative votes — 22: Bock, Bouchet, Brothers, Cocks, Cogger, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Macpherson, Mahmert, Martins de Souza, Mawatari, Nielsen, Nye, Papp, Patterson, Savage, Song, Štys

Negative votes — 3: Dupuis, Minelli and Schuster.

Vote 2. Affirmative votes — 23: Bock, Bouchet, Brothers, Cocks, Cogger, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Macpherson, Mahmert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Schuster, Song, Štys

Negative votes — 2: Dupuis and Savage.

Ride was on leave of absence.

Dupuis commented: 'Je vote contre l'affligeante ide de mettre à l'Index Brisson (1762) car: (a) monuments historiques de la taxinomie, les ouvrages de ce zoologiste sont depuis longtemps tenus 'as next in authority to the Linnean productions' (Casey Wood, 1931); (b) considrant que seules sont admissibles les 'rejections of names' je rprouve toute 'rejection of works' (et mme le mot 'rejection'); (c) il est fcheux que la validit des *noms de genres* dans les premires taxinomies *binaires* cohrentes indpendent de quelques pithtes spcifiques *occasionnellement* plurinominales (invitables aux dbuts du Linnanisme, cf. Pucek in BZN 51: 348. Voir le code des botanistes et les regrets de Melville cits in BZN 53: 281); (d) ma contre-proposition srieuse et prcise (BZN 53: 282–283) aurait d tre prsente à galit de choix avec

la proposition de BZN 51: 143, or cette dernière seule est soumise au vote. Les arguments avancés pour esquiver cette simultanéité me semblent un refus d'examiner les noms à mettre à l'Index (ce que je demandais in BZN 52: 275, alinea 3) et une dérobaie sous prétexte d'un 'précédent' non autrement explicité. Je vote contre la conservation en bloc des 11 noms considérés car les commentaires publiés ne sont pas unanimes, notamment au sujet de *Glis*, *Cuniculus* et *Tragulus*. Je persiste donc à réclamer autant de votes distincts que de noms (cf. BZN 52: 273, 275: 'chacun des cas', 'les noms pris un par un').

Savage commented: 'I would favor separate consideration for conservation of those Brisson names whose status would seriously affect current usage if they were to be permanently rejected. These appear to be *Tragulus*, *Glis* and *Cuniculus*'.

### Original references

The following is the original reference to the work placed on the Official Index by the ruling given in the present Opinion:

**Brisson, M.J.** 1762. *Regnum Animale in classes IX distributum, sive synopsis methodica*, Ed. 2.

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*Agouti* Lacepède, 1799, *Tableau des divisions, sous-divisions, ordres et genres des mammifères. In: Discours de l'ouverture et de clôture du cours d'Histoire Naturelle donné dans le Muséum National d'Histoire Naturelle ... l'an VII de la République, et Tableaux méthodiques des Mammifères et des Oiseaux*, p. 9.

*camelopardalis*, *Cervus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 66.

*Cuniculus* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 98.

*Cuniculus* Meyer, 1790, *Magazin für Thiergeschichte, Thieranatomie und Thierarzneykunde*, vol. 1, part 1, p. 52.

*Cuniculus* Wagler, 1830, *Natürliches System der Amphibien, mit vorangehender Classification der Säugthiere und Vögel*, p. 21.

*Euhyaena* Falconer, 1868, *Palaeontological memoirs and notes*, vol. 2, p. 464.

*Giraffa* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 12, 37.

*Glis* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 113.

*Glis* Erxleben, 1777, *Systema regni animalis ... Classis I (Mammalia)*, p. 358.

*glis*, *Sciurus*, Linnaeus, 1766, *Systema Naturae*, Ed. 12, vol. 1, p. 87.

*Hyaena* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 169.

*hyaena*, *Canis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 40.

*hydrochaeris*, *Sus*, Linnaeus, 1766, *Systema Naturae*, Ed. 12, vol. 1, p. 103.

*Hydrochoerus* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 12, 80.

*javanicus*, *Cervus*, Osbeck, 1765, *Reisenach Ostindien und China*, Ed. 2, p. 357.

*Lutra* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 201.

*lutra*, *Mustela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 45.

*Meles* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 183.

*meles*, *Ursus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 48.

*Melesium* Rafinesque, 1815, *Analyse de la nature ...*, p. 59.

*Myoxus* Zimmermann, 1780, *Geographische Geschichte des Menschen, und der allgemein verbreiteten vierfüßigen Thiere*, vol. 2, p. 351.

*niger*, *Vespertilio*, Kerr, 1792, *The animal kingdom or zoological system of the celebrated Sir Charles Linnaeus. Class I, Mammalia*, p. 90.

*opossum*, *Didelphis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 55.

*paca*, *Mus*, Linnaeus, 1766, *Systema Naturae*, Ed. 12, vol. 1, p. 81.

*Philander* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 207.

*Pteropus* Brisson, 1762, *Regnum Animale ...*, Ed. 2, pp. 13, 153.

*Tapirus*, Brisson 1762, *Regnum Animale ...*, Ed. 2, pp. 12, 81.

- Taxus* Cuvier & Geoffroy Saint-Hilaire, 1795, *Magazin Encyclopédique*, 2: 184, 187.  
*terrestris*, *Hippopotamus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 74.  
*Tragulus* Boddaert, 1785, *Elenchus Animalium*, vol. 1 (Sistens Quadrupedia), pp. 49, 131.  
*Tragulus* Brisson, 1762, *Regnum Animale* ..., Ed. 2, pp. 12, 65.  
*Tragulus* Pallas, 1767, *Spicilegia Zoologica*, fasc. 1, p. 6.